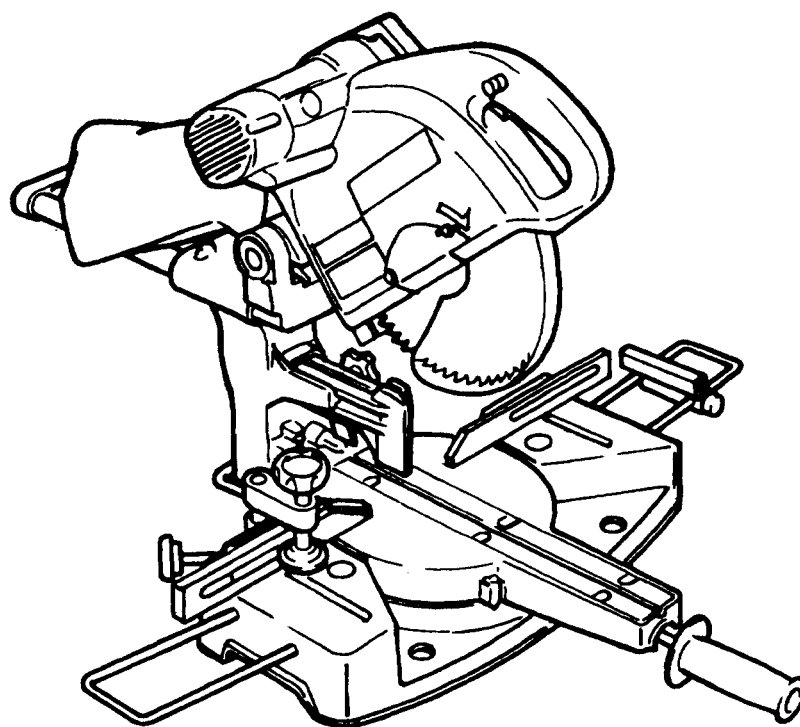


HITACHI

SLIDE COMPOUND SAW

MODEL 10" (255mm) C 10FS

INSTRUCTION MANUAL



Important :

For your own safety, read this INSTRUCTION MANUAL before operating the POWER TOOL.

Keep this MANUAL available for convenient reference when using the POWER TOOL.



DOUBLE INSULATION

IMPORTANT INFORMATION

Read and understand all of the operating instructions, safety precautions and warnings in the Manual before operating or maintaining this power tool.

Most accidents that result from tool operation and maintenance are caused by the failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing a potentially hazardous situation before it occurs and by observing appropriate safety procedures.

Basic safety precautions are outlined in the "SAFETY" section of this manual and in the sections which contain the operation and maintenance instructions.

Hazards that must be avoided to prevent bodily injury or machine damage are identified by WARNINGS on the tool and in this Manual.

Never use this tool in a manner that has not been specifically recommended by HITACHI, unless you first confirm that the planned use will be safe for you and others.

SAFETY

SAFETY RULES FOR POWER TOOLS.

READ ALL OF THE WARNINGS AND OPERATING INSTRUCTIONS IN THIS MANUAL BEFORE OPERATING OR MAINTAINING THIS TOOL:

 **WARNING :** When using this electric tool, take all necessary precautions to minimize the risk of electric shock or other personal injury.
In particular, always comply with the following safety rules:

1. **ALWAYS KEEP GUARDS IN PLACE** and in working order.
2. **ALWAYS REMOVE ADJUSTING KEYS AND WRENCHES BEFORE STARTING TOOL.**
Always confirm that all keys and adjusting wrenches have been removed from the tool before it is turned on.
3. **ALWAYS KEEP WORK AREA CLEAN.** Avoid injuries by not cluttering the work areas and work benches.
4. **NEVER USE TOOL IN HAZARDOUS ENVIRONMENTS.** Never use the power tool in damp or wet places and never expose it to rain. Always keep the work area well lighted.
5. **NEVER PERMIT CHILDREN OR OTHERS TO LOITER NEAR THE WORK AREA.** Keep all people (especially children) away from the work area. Always unplug unattended tools and keep the work place tamper-proof by installing locks on the doors and on the master switches. Always remove the lock-off button from the tool and store it in a secure place, when the tool is not in use.
6. **NEVER FORCE THE TOOL.** It will do the job better and more safely if it is operated at the rate for which it was designed.
7. **ALWAYS USE THE RIGHT TOOLS.** Never force a tool or an attachment to do a job for which it was not designed.
8. **ALWAYS WEAR PROPER APPAREL WHEN WORKING WITH THE TOOL.** Never wear loose clothing, gloves, neckties, rings, bracelets or other jewelry which may get caught in the moving parts. Always wear non-slip footwear, preferably with steel toes. Wear protective hair covering to contain long hair.
9. **ALWAYS USE EYE PROTECTION WHEN WORKING WITH THE TOOL TO PREVENT EYE INJURY.** Ordinary eyeglasses do not provide adequate protection because the lenses are not made of safety glass. Also, use a face mask for additional safety and wear a dust mask if the cutting operation produces dust.
10. **ALWAYS SECURE THE WORKPIECE TO THE FENCE OR THE TABLE.**
Use clamps or a vise to hold the workpiece in place. It is safer than using your hand and it frees both hands to operate the tool.
11. **NEVER OVERREACH.** Always keep proper footing and balance when working with the tool.
12. **ALWAYS MAINTAIN TOOLS WITH CARE.** Always keep tools sharp and clean for the best and safest performance. Always follow instructions for lubricating the tool and for changing accessories.

13. **ALWAYS DISCONNECT THE TOOL** before servicing and before changing blades or other accessories.
14. **NEVER RISK UNINTENTIONAL STARTING WHEN PLUGGING IN THE TOOL.**
Always confirm that the switch is in the "OFF" position before inserting the power plug into the receptacle.
15. **ALWAYS USE RECOMMENDED ACCESSORIES ONLY WHEN OPERATING THIS TOOL.**
Consult this instruction manual for descriptions of recommended accessories. To avoid personal injuries, use only recommended accessories in conjunction with this tool.
16. **NEVER STAND ON THE TOOL.** Prevent serious injury by not tipping the tool and by not risking unintentional contact with the saw blade.
17. **ALWAYS CHECK FOR DAMAGED PARTS BEFORE USING THE TOOL.** Always check the guard and all other components for damage before using the tool to assure that they will function properly. Check all moving parts for proper alignment, freedom from binding and other conditions that might affect proper operation. Always repair or replace any damaged guards or other damaged components before using the tool.
18. **ALWAYS CONFIRM THE ROTATION DIRECTION OF THE BLADE BEFORE USING THE TOOL.** Always feed work into the tool against the rotation direction of the blade in order to prevent possible injury.
19. **NEVER LEAVE THE TOOL RUNNING WHILE UNATTENDED. TURN POWER OFF.** Do not leave tool until it comes to a complete stop. Always turn the power off when the tool is not in use. Always unplug the power cord when the tool is not in use.
20. This tool was not designed to be used for mass- production applications and should not be used in mass- production environments.
21. When servicing this tool, use only authorized replacement parts.
22. Apply 115 volts AC only to this tool. Applying the wrong voltage or applying DC power can cause the POWER TOOL to operate improperly and cause serious personal injury or damage to the tool.
23. Never raise the saw blade from the workpiece until it has first come to a complete stop.
24. Always use outboard stands to provide support for long workpieces that overhang the table of the slide compound saw.
25. Always return the carriage to the full rear position after each crosscut operation in order to reduce the risk of injury.
26. **POLARIZED PLUGS** To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

Specific Safety Rules for Use of this Power Tool

 **WARNING :** The following specific operating instructions must be observed when using this POWER TOOL in order to avoid injury:

DO's

ALWAYS OBSERVE THE FOLLOWING RULES TO ASSURE SAFE USE OF THIS TOOL:

1. Review this Manual and familiarize yourself with the safety rules and operating instructions for this POWER TOOL before attempting to use it.
2. Always confirm that the POWER TOOL is clean before using it.
3. Always wear snug- fitting clothing, non- skid footwear (preferably with steel toes) and eye protection when operating the POWER TOOL.
4. Always handle the POWER TOOL carefully. If the POWER TOOL falls or strikes against a hard object, it might become deformed or cracked or sustain other damage.
5. Always cease operating the saw at once, if you notice any abnormality whatsoever.
6. Always confirm that all components are mounted properly and securely before using the tool.
7. When replacing the saw blade, always confirm that the rpm rating of the new blade is correct for use on this tool.
8. Always shut off the power and wait for the saw blade to completely stop rotating before doing any maintenance or adjustments.
9. During slide cutting, always push the saw blade away from the operator.

10. Always clamp or otherwise secure the workpiece to the fence; otherwise the workpiece might be thrust from the table and cause bodily harm.
11. During miter or bevel cutting, always wait for the rotation of the blade to stop completely before lifting the saw blade.
12. Always make a trial run first before attempting any new use of the saw.
13. Always handle the saw blade with care when dismounting and mounting it.
14. Always confirm that the workpiece is free of nails or other foreign objects before beginning a cut.
15. Always keep your hands out of the path of the saw blade.
16. Always confirm that the safety covers is in the proper place before using the saw.
17. Always confirm that the safety cover does not obstruct the sliding motion of the saw before attempting slide cutting.
18. Inspect the tool power cords periodically.
19. Always confirm that the proper lengths and types of extension cords are being utilized, if necessary, before starting the tool.
20. Always confirm that the motor air vents are fully open before using the tool.
21. Always wait until the motor has reached full speed before starting a cut.
22. Always keep the handles dry, clean and free of oil and grease. Hold the tool firmly when in use.
23. Always use outboard stands to provide support for long workpieces that overhang the table of the slide compound saw.
24. Always operate the tool after ensuring the workpiece is fixed properly with a vise assembly.
25. Always use slide fence (A) and slide fence (B) if a workpiece is too small to be fixed with fence (A) and fence (B) of the base.
26. Disconnect power before changing the blade or servicing.

DON'Ts

NEVER VIOLATE THE FOLLOWING RULES TO ASSURE SAFE USE THIS TOOL:

1. Never operate the POWER TOOL unless you fully understand the operating instructions contained in this Manual.
2. Never leave the POWER TOOL unattended without first unplugging the power cord.
3. Never operate the POWER TOOL when you are tired, after you have taken any medications, or have consumed any alcoholic beverages.
4. Never use the POWER TOOL for applications not specified in the instruction manual.
5. Never operate the tool while wearing loose clothing, a necktie or jewelry, or while your hair is uncovered, to protect against getting caught in the moving machinery.
6. Never reach around the saw blade.
7. Never touch any moving parts, including the blade, while the saw is in use.
8. Never remove any safety devices or blade guards; use of the tool without them would be hazardous.
9. Never lock the safety cover ; always confirm that it slides smoothly before using the tool.
10. Never damage the power cord of the tool.
11. Never attempt to move a plugged- in POWER TOOL while your finger is on the starting switch.
12. Never use the POWER TOOL if the starting switch does not turn on and off properly.
13. Never use the POWER TOOL if the plastic housing or the handle is cracked or deformed.
14. Never use the POWER TOOL near flammable liquids or gases because sparking can cause an explosion.
15. Never clean plastic components with solvents because the plastic may dissolve.
16. Never operate the saw unless all the blade guards are in place.
17. Never raise the saw blade from the workpiece until it has first come to a complete stop.

18. When slide cutting, never pull the handle toward the operator, since this could cause the saw blade to kick up from the workpiece. Always push the handle away from the operator in a single, smooth motion.
19. Never place your limbs inside of the line next to warning sign “” while the tool is being operated. This may cause hazardous conditions.
20. Never use abrasive type blades on this saw.

WARNING

For Your Own Safety Read This Instruction Manual Before Operating The Miter (Slide Compound) Saw.

1. Always wear eye protection when using the slide compound saw.
2. Always keep hands out of the path of the saw blade.
3. Never operate the saw without the guards in place.
4. Never perform any freehand operation with the slide compound saw.
5. Never reach around the saw blade.
6. Always shut off the power and wait for the saw blade to stop turning before adjusting or maintaining the tool.
7. Saw blade diameter is 10”(255mm).
8. No load speed is 3800rpm.

SAVE THESE INSTRUCTIONS

MEANINGS OF SIGNAL WORDS

 **WARNING** indicates a potentially hazardous situation which, if ignored, could result in serious personal injury.

 **CAUTION** indicates a hazardous situation which, if ignored, could result in a moderate personal injury, or could cause machine damage.

NOTE emphasizes essential information.

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FOREWORD

The information contained in this manual is designed to assist you in the safe operation and maintenance of the POWER TOOL. Some illustrations in this manual may show details or attachments that differ from those on your own POWER TOOL. Also, in some illustrations the guards and covers intentionally have not been shown for illustrative purposes only.

DOUBLE INSULATION FOR SAFER OPERATION

To ensure safer operation of this electric power tool, HITACHI has adopted a double insulation design. "Double insulation" means that two physically separated insulation systems have been used to insulate the electrically conductive materials connected to the power supply from the outer frame handled by the operator. Therefore, either the symbol

"回" or the words "Double insulation" appear on the power tool or on the nameplate.

Although this system has no external grounding, you must still follow the normal electrical safety precautions given in this manual, including not using the tool in wet conditions.

To keep the double insulation system effective, follow these precautions:

- * In order to avoid damaging the double insulation system, only your authorized HITACHI power tool dealer or repair shop should disassemble or assemble this tool and only identical Hitachi replacement parts should be installed.
- * Clean the exterior of the tool only with a soft cloth moistened with soapy water and dry thoroughly. Never use solvents, gasoline or thinners on plastic components; otherwise the plastic may dissolve.

PART NAMES

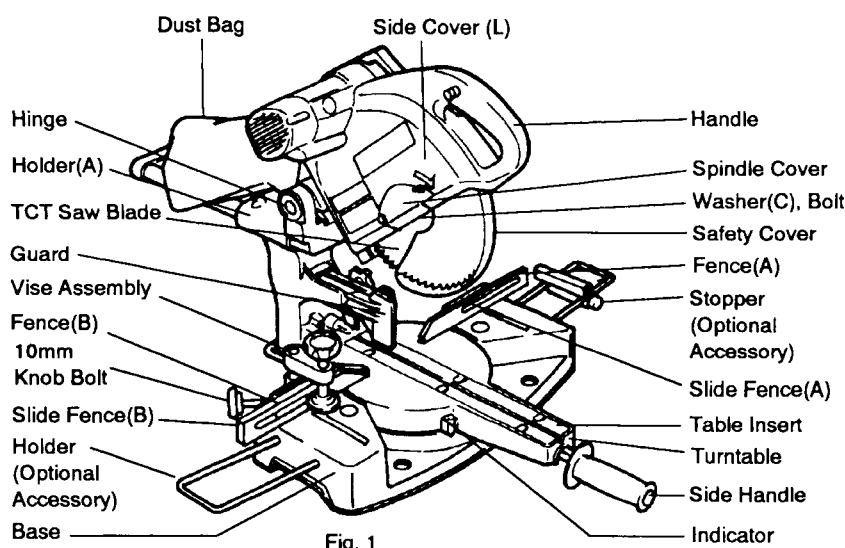


Fig. 1

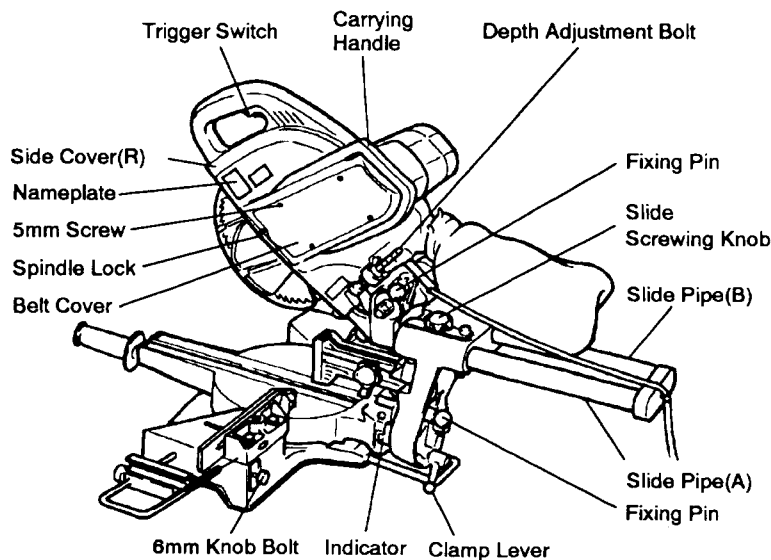


Fig. 2

SPECIFICATIONS

Item	Model C 10FS					
Motor	Type	Series commutator motor				
	Power source	Single - phase AC 60Hz				
	Voltage (Volts)	115				
	Full - load current (Amp)	10				
Applicable Saw blade	Outside Dia. 10"(255mm) Hole Dia. 5/8"(15.9mm)					
No load speed	3800rpm					
Max. Sawing Dimension		Head	Turntable	Max. sawing dimension		
	Miter	0	0		Max. Height	3 - 11/32" (85mm)
					Max. Width	12 - 9/32" (312mm)
				※	Max. Width	11 - 59/64" (303mm)
				or		
				※ 1	Max. Height	3 - 35/64" (90mm)
					Max. Width	11 - 39/64" (295mm)
		※	Max. Width	11 - 1/4" (286mm)		
		0	Left 45°		Max. Height	3 - 11/32" (85mm)
					Max. Width	8 - 21/31" (220mm)
				※	Max. Width	8 - 7/64" (206mm)
				or		
				※ 1	Max. Height	3 - 35/64" (90mm)
				Max. Width	8 - 15/32" (215mm)	
	※	Max. Width	8 - 7/64" (206mm)			
	0	Right 45°		Max. Height	3 - 11/32" (85mm)	
				Max. Width	8 - 21/31" (220mm)	
			※	Max. Width	8 - 19/64" (211mm)	
			or			
			※ 1	Max. Height	3 - 35/64" (90mm)	
				Max. Width	8 - 15/32" (215mm)	
	Bevel	Left 45°	0		Max. Height	2 - 11/64" (55mm)
					Max. Width	12" (305mm)
				※	Max. Width	11 - 21/32" (296mm)
				or		
※ 1				Max. Height	2 - 3/8" (60mm)	
				Max. Width	11 - 39/64" (295mm)	
※		Max. Width	11 - 1/4" (286mm)			
Right 45°		0		Max. Height	1 - 3/16" (30mm)	
				Max. Width	12" (305mm)	
			※	Max. Width	11 - 21/32" (296mm)	
			or			
			※ 1	Max. Height	1 - 3/8" (35mm)	
			Max. Width	11 - 39/64" (295mm)		
※	Max. Width	11 - 1/4" (286mm)				
Compound	Left 45°	Left 45° or Right 45°		Max. Height	2 - 11/64" (55mm)	
				Max. Width	8 - 21/31" (220mm)	
			※	Max. Width	8 - 19/64" (211mm)	
			or			
			※ 1	Max. Height	2 - 3/8" (60mm)	
				Max. Width	8 - 15/32" (215mm)	
	※	Max. Width	8 - 7/64" (206mm)			
	Right 45°	Left 31°		Max. Height	1 - 3/16" (30mm)	
				Max. Width	10" (255mm)	
			※	Max. Width	9 - 11/16" (246mm)	
			or			
			※ 1	Max. Height	1 - 3/8" (35mm)	
			Max. Width	9 - 27/32" (250mm)		
※	Max. Width	9 - 31/64" (241mm)				
Right 45°	Right 45°		Max. Height	1 - 3/16" (30mm)		
			Max. Width	8 - 21/31" (220mm)		
		※	Max. Width	8 - 19/64" (211mm)		
		or				
		※ 1	Max. Height	1 - 3/8" (35mm)		
			Max. Width	8 - 15/32" (215mm)		
※	Max. Width	8 - 7/64" (206mm)				

Miter sawing range	Left 0° ~ 45° Right 0° ~ 45°
Bevel sawing range	Left 0° ~ 45° Right 0° ~ 45°
Compound sawing range	Left (Bevel) 0° ~ 45°, Left and Right (Miter) 0° ~ 45° Right (Bevel) 0° ~ 45°, Left (Miter) 0° ~ 31°, Right (Miter) 0° ~ 45°
Net weight	44lbs. (20kg)
Cord	2 Conductor type cable 6.5ft (1.99m).

*When slide fence assembly is used.

When cutting the workpiece which has the dimension of "※1" there might be some possibility of the lower end of the circular saw to touch with the workpiece, even if the motor head is located at the upper limit position. Pay attention when cutting the workpiece. For further details, refer to "cutting method" on page 8.

STANDARD ACCESSORIES

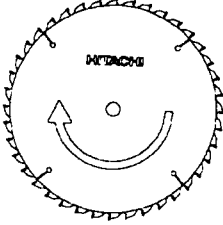
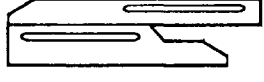
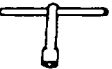
① 10" (255mm) TCT Saw blade (1 piece)  (No. of teeth 40)	② Dust bag (1 piece)  For how to use, refer to page 8.	④ Vise Assembly w/knob bolt (1 piece)  For how to use, refer to page 9.
	③ Slide Fence Assembly  For how to use, refer to page 9.	⑤ 10mm BOX wrench (1 piece) 

Fig. 3

OPTIONAL ACCESSORIES

- ① Extension Holder and Stopper (Fig. 1)
- ② Saw blade 10" (255mm) TCT Saw blade (Total teeth:60)
- ③ Saw blade 10" (255mm) TCT Saw blade (Total teeth:90)
- ④ Saw blade 10" (255mm) TCT Saw blade for aluminum sash (Total teeth:72)

⚠ WARNING: Using attachments or accessories not recommended in this manual can be dangerous and cause personal injury or mechanical damage to the saw.

PREPARATION BEFORE OPERATION

Make the following preparations before operating the power tool:

1. Installation

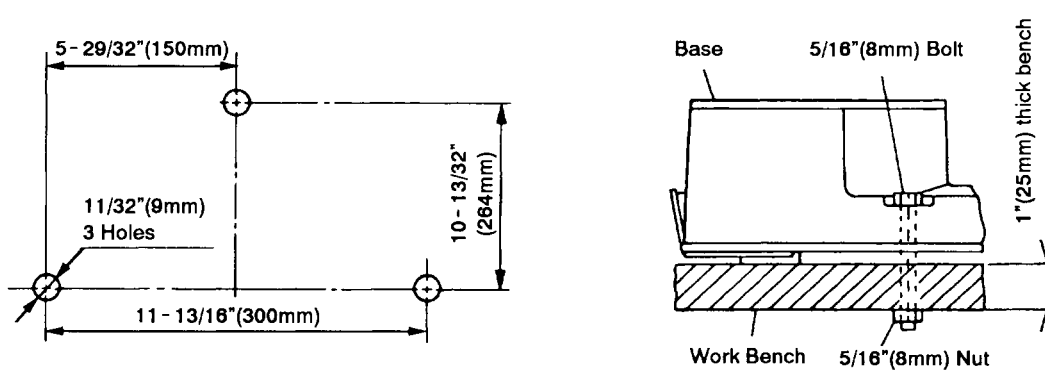


Fig. 4

Attach the power tool to a level, horizontal bench in accordance with Fig. 4. Select 5/16" (8mm) diameter bolts suitable in length for the thickness of the bench. Bolt length should be at least 1" (25mm) plus the thickness of the bench. For example, use 2" (50mm) or larger bolts for a 1" (25mm) thick bench. The holder attached to the rear of the base helps stabilize the power tool.

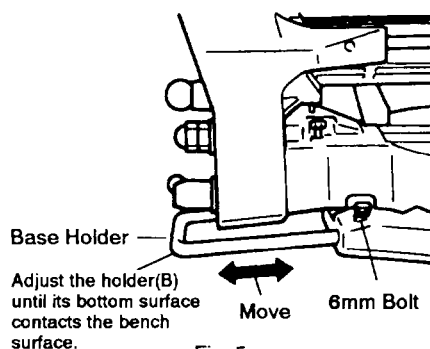


Fig. 5

Base holder adjustment:

Loosen the 6mm bolt with the supplied box wrench. Adjust the base holder until its bottom surface contacts the bench surface. After adjustment, firmly tighten the 6mm bolt.

2. Extension Cord

Ampere rating (on nameplate)	10Amp
Ext. cord length	Wire gauge size A.W.G.(mm ²)
25ft. (7.5m)	16A.W.G (1.5mm ²)
50ft. (15m)	14A.W.G (2.0mm ²)
75ft. (22.5m)	12A.W.G (3.5mm ²)
100ft. (30m)	10A.W.G (5.5mm ²)

To use the power tool when no suitable power source is nearby, use an extension cord of suitable size to ensure safety and to prevent power loss and overheating.

Determine from the accompanying table the required extension cord wire size.

Check power cords and extension cords for loose or exposed wires and damaged insulation before using. Repair or replace as needed before using the power tool.

NOTE: The lower the wire size number means the heavier the wire and the further it will carry current without a voltage drop.

⚠ WARNING: Never connect this unit to an electrical power source until all operating instructions have been read and understood.

3. Releasing the locking pin

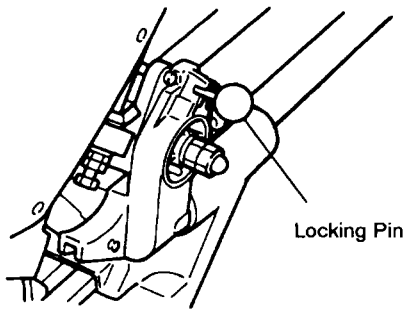


Fig. 6 - a

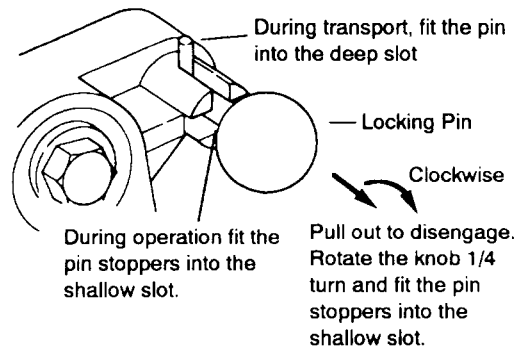


Fig. 6 - b

When the power tool is prepared for shipping, its main parts are secured by a locking pin. Move the handle slightly so that the locking pin can be disengaged and adjusted as indicated in Fig. 6 - b.

NOTE: Lowering the handle slightly will enable you to disengage the locking pin more easily and safely.

4. Installing the dust bag, holder, stopper and vises.

(The holder and stopper are optional accessories).

Attach the dust bag, holder, stopper and vise as indicated in Fig. 1.

BEFORE USING

1. Make sure the power source is appropriate for the tool.

⚠ WARNING: Never connect the power tool unless the available AC power source is of the same voltage as that specified on the nameplate of the tool. Never connect this power tool to a DC power source.

2. Make sure the trigger switch is turned OFF.

⚠ WARNING: If the power cord is connected to the power source with the trigger switch turned ON, the power tool will start suddenly and can cause a serious accident.

3. Check the saw blade for visible defects.

Confirm that the saw blade is free of cracks or other visible damage.

4. Confirm that the saw blade is attached securely to the power tool.

Using the supplied box wrench, tighten the bolt on the saw blade mounting shaft to secure the saw blade.

For details, see Figs. 42- a and 42- b in the section on "Saw Blade Mounting and Dismounting".

5. Check the safety cover for proper operation.

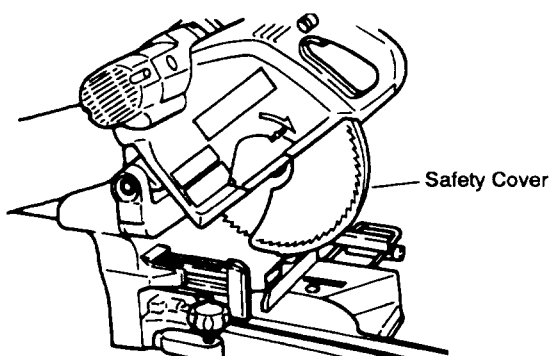


Fig. 7

Safety cover is designed to protect the operator from coming into contact with the saw blade during operation of the tool.

Always check that the safety cover moves smoothly and covers the saw blade properly.

⚠ WARNING: NEVER OPERATE THE POWER TOOL if the safety cover does not function smoothly.

6. Confirm the position of the spindle lock before using the tool.

After installing the saw blade, confirm that the spindle lock has been returned to the retract position before using the saw (see Fig. 2).

7. Check the lower limit position of the Saw Blade.

Although it was adjusted before shipment, carefully check the height of the saw blade. Confirm that the saw blade can be lowered $13/32"$ to $15/32"$ (10mm to 12mm) below the table insert. For details, see the section on "Checking the saw blade lower limit position".

8. Check the Power Receptacle.

To prevent overheating, accidental stopping or intermittent operation, confirm that the power cord plug fits properly in the electrical receptacle and does not fall out after it is inserted. Repair or replace the receptacle if it is faulty.

9. Confirm the tool's power cord is not damaged.

Repair or replace the power cord if an inspection indicates that it is damaged.

AFTER CONNECTING THE POWER PLUG TO AN APPROPRIATE AC POWER SOURCE, CHECK THE OPERATION OF THE TOOL AS FOLLOWS:

10. Trial Run

After confirming that no one is standing behind, the power tool start the power tool and confirm that no operating abnormalities exist before attempting a cutting operation.

11. Inspect the rotating stability of the saw blade.

For precise cutting, rotate the saw blade and check for deflection to confirm that the blade is not noticeably unstable; otherwise vibrations might occur and cause an accident.

BEFORE CUTTING

1. Cutting a groove on the guard

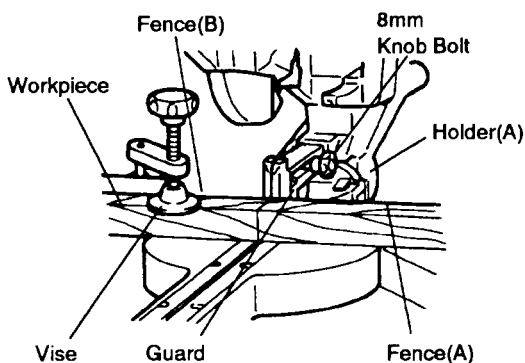


Fig. 8

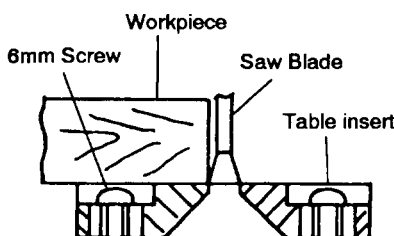
Holder (A) has a guard (see Fig. 8) into which a groove must be cut.

Loosen the 8mm knob bolt to retract the guard slightly. After placing a suitable wooden piece to sit on the fence and the table surfaces, fix it with the vise.

After the switch has been turned on and the saw blade has reached maximum speed, slowly lower the handle to cut a groove on the guard.

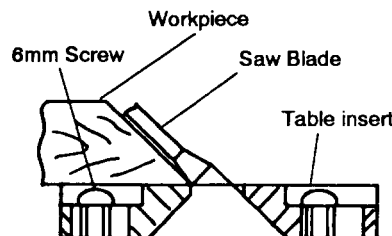
⚠ CAUTION: Do not cut the groove too quickly ; otherwise the guard might become damaged.

2. Positioning the table insert



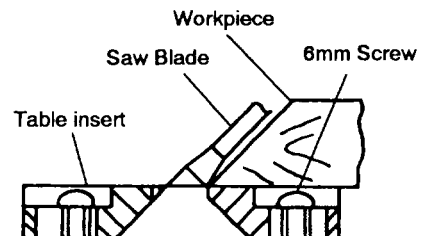
[Right angle cutting]

Fig. 9 - a



[Left bevel angle cutting]

Fig. 9 - b



[Right bevel angle cutting]

Fig. 9 - c

Table inserts are installed on the turntable. When shipping the tool from the factory, the table inserts are so fixed that the saw blade does not contact them. The burr of the bottom surface of the workpiece is remarkably reduced, if the table insert is fixed so that the gap between the side surface of the table insert and the saw blade will be minimum. Before using the tool, eliminate this gap in accordance with the following procedure.

(1) Right angle cutting

Loosen the three 6mm screws, then secure the left side table insert and temporarily tighten the 6mm screws of both ends. Then fix a workpiece (about 7-7/8" (200mm) wide) with the vise and cut it off. After aligning the cutting surface with the edge of the table insert, securely tighten the 6mm screws of both ends. Remove the workpiece and securely tighten the 6mm center screw. Adjust the right hand table insert in the same way.

(2) Left and right bevel angle cutting

Adjust the table insert in the manner shown in Fig. 9 following the same procedure for right angle cutting.

⚠ CAUTION: After adjusting the table insert for right angle cutting, the table insert will be cut to some extent if it is used for bevel angle cutting. When bevel cutting operation is required, adjust the table insert for bevel angle cutting.

3. Checking the saw blade lower limit position

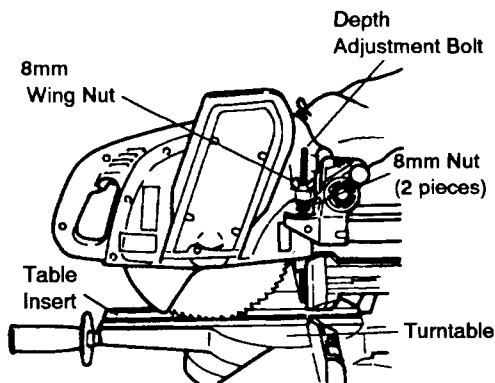


Fig. 10

Check that the saw can be lowered 13/32" to 15/32" (10mm to 12mm) below the table insert. If necessary, adjust as follows:

- (1) Loosen the 8mm wing nut and the two 8mm nuts on the depth adjustment bolt.
- (2) Turn the adjustment bolt as necessary to set the lower limit position.
- (3) Once the adjustment is complete, fully tighten the two 8mm nuts and the 8mm wing nut.

NOTE: Before tightening the two 8mm nuts and the 8mm wing nut, confirm that the saw blade is adjusted so that it will not cut into the turntable.

4. Oblique angle

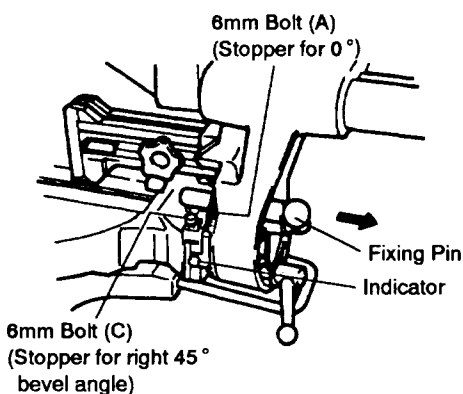


Fig. 11

Before the power tool is shipped from the factory, it is adjusted for 0°, right angle, left 45° bevel cutting angle and right 45° bevel cutting angle with the 6mm bolt (A), bolt (C) and the 8mm bolt (B).

When changing the adjustment, change the height of the 6mm bolt (A), bolt (C) or the 8mm bolt (B) by turning them.

When changing the bevel angle to the right 45°, pull the fixing pin on the direction shown in Fig. 11 and incline the motor head to the right.

When adjusting the motor head to 0°, always return the fixing pin to its initial position.

5. Securing the workpiece

⚠ WARNING: Always clamp or vise to secure the workpiece to the fence; otherwise the workpiece might be thrust from the table and cause bodily harm.

6. Installing the holders. . . (Optional Accessory)

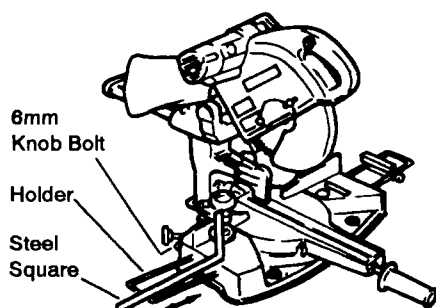


Fig. 12

The holders help keep longer workpieces stable and in place during the cutting operation.

- (1) As indicated in Fig. 12, use a steel square for aligning the upper edge of the holders with the base surface.

- (2) After aligning, secure the holders with the 6mm knob bolts.

7. Stopper for precision cutting. . . (Stopper is Optional Accessory)

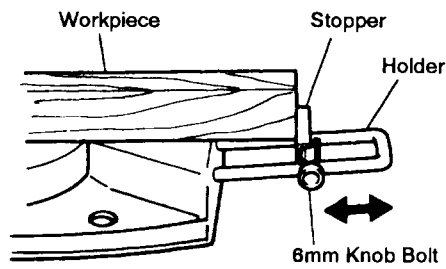


Fig. 13

The stopper facilitates continuous precision cutting in lengths of 10- 7/16" to 16- 15/16" (265mm to 430mm). To install the stopper, attach it to the holder with the 6mm knob bolt as shown in Fig. 13.

8. Using an ink line

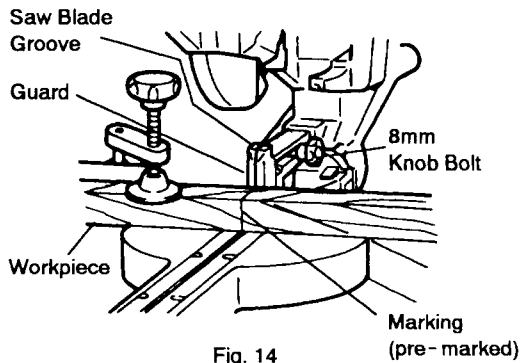


Fig. 14

(1) Right angle cutting

Loosen the 8mm knob bolt and contact the tip of the guard with the workpiece. Aligning the ink line on the workpiece with the groove of the guard, the workpiece is cut on the ink line.

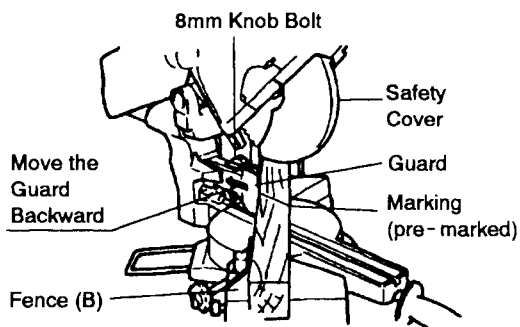


Fig. 15

(2) Miter cutting and compound cutting (Miter cutting + bevel cutting)

Upon lowering the motor section, the safety cover is raised and the saw blade appears. Align the ink line with the saw blade.



CAUTION: In some arrangements when the turntable is rotated, the guard projects from the fence surface. Loosen the 8mm knob bolt and push the guard to the retracted position. Never lift the safety cover while the saw blade is rotating.

PRACTICAL APPLICATIONS



WARNING: * To avoid personal injury, never remove or place a workpiece on the table while the tool is being operated .

* Never place your limbs inside of the line next to warning sign while the tool is being operated. This may cause hazardous condition (see Fig. 16).

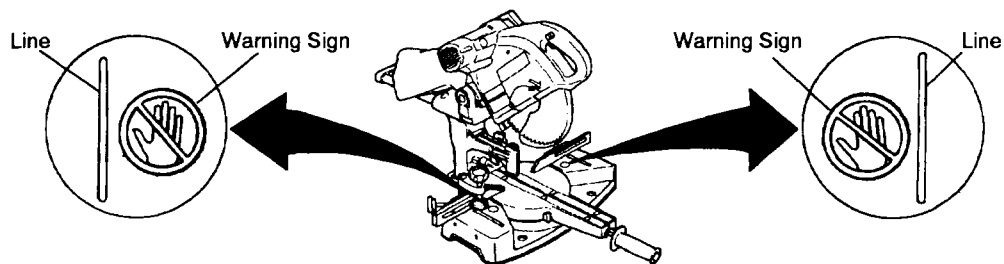


Fig. 16

1. Switch operation

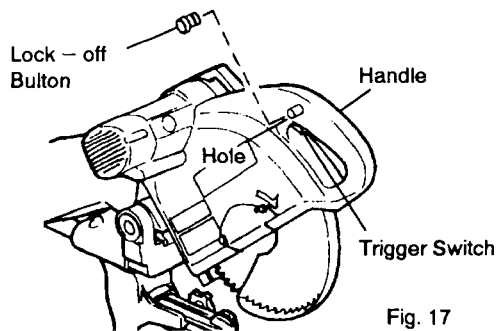


Fig. 17

The trigger switch lock-off button is designed to prevent inadvertent operation of the power tool. To operate the power tool, it is necessary to first fully insert the lock-off button into the hole on the handle (see Fig. 17). The trigger switch will not operate unless the lock-off button has been pushed in. When the trigger switch is released, the power goes off and the lock-off button automatically returns to its original position, locking the trigger switch.

⚠ WARNING: Always remove the lock-off button from the handle when the power tool is not in use. This will ensure that the power tool cannot be turned on accidentally or by someone (especially a child) who is not qualified to use the power tool. If the lock-off button is left in the handle, serious personal injury can result. Since the lock-off button fits rather tightly, it may be necessary to turn it to the left and right during mounting and removing.

2. Using the Vise Assembly (Standard equipment)

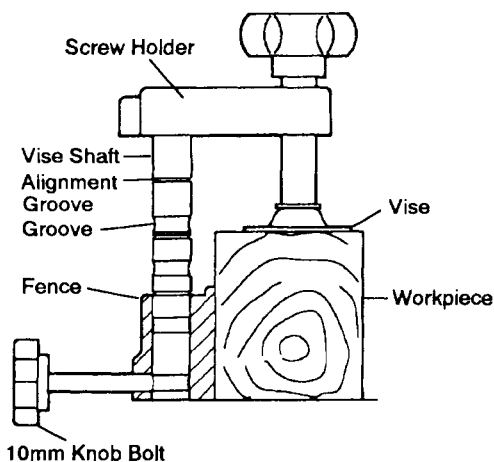


Fig. 18

The vise assembly can be mounted on either the left fence {Fence(B)} or the right fence {Fence(A)}, and can be raised or lowered according to the height of the workpiece.

To raise or lower the vise assembly, first loosen the 10mm knob bolt. As shown in Fig. 18, the vise shaft has four locking grooves into which the tip of the 10mm knob bolt is designed to fit in order to lock the screw holder in the desired position.

To ensure that the tip of the 10mm knob bolt is properly aligned with the desired locking groove on the vise shaft, simply align the upper surface of the fence to either of three grooves on the vise shaft surface or to the lower surface of the screw holder.

Therefore, the vise assembly can be attached in either of four positions to ensure proper height adjustment.

After adjusting the height, firmly tighten the 10mm knob bolt; then turn the upper knob, as necessary, to securely attach the workpiece in position.

⚠ CAUTION: Always confirm that the motor head does not contact the vise assembly when it is lowered for cutting. If there is any danger that it may do so, loosen the 10mm knob bolt slightly and move the vise to a position where it will not contact the saw blade. Also, always confirm that the vise assembly is mounted on the right side {Fence(A)} before using the saw for compound cutting operations (miter + bevel cutting).

3. Using the Slide Fence (A) and Slide Fence (B) (Standard equipment)

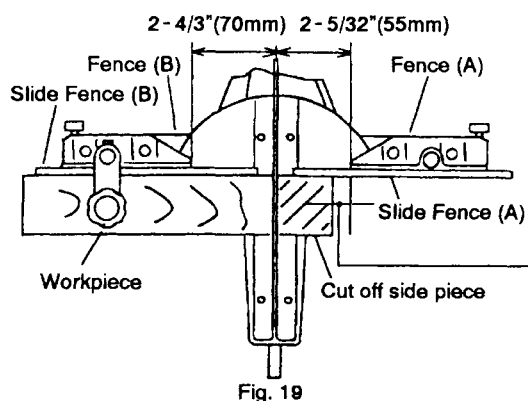


Fig. 19

Slide fence (A) and slide fence (B) are meant to stabilize small workpieces (see Fig. 19).

Clearance between fence (A) and fence (B) and the workpiece is necessary. The edge of workpiece should not overlap with fence (A) and fence (B).

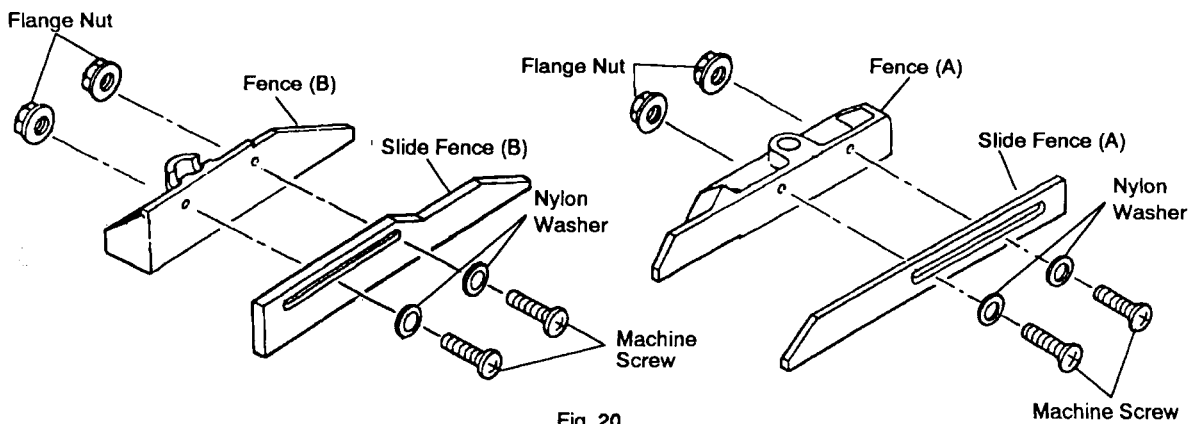


Fig. 20

- (1) Set slide fence (A) and slide fence (B) on fence (A) and fence (B) of the base.
- (2) To attach use the four machine screws with nylon washers and flange nuts as shown in Fig. 20
- (3) Adjust slide fence (A) and slide fence (B) to stabilize the workpiece. Adjustable range of slide fence (A) and slide fence (B) is from 0 to 3-3/4" (0 to 95mm)).
- (4) Confirm the position of slide fence (A) and slide fence (B) on fence (A) and slide fence (B) with four machine screws tightly so slide fence (A) and slide fence (B) do not move (see Fig. 20).

⚠ CAUTION: * Before operation, ensure that the saw blade does not contact slide fence (A) and slide fence (B). In case the saw blade contacts slide fence (A) and slide fence (B), adjust the position of slide fence (A) and slide fence (B) again.
 * Maximum cross-cutting width (Bevel 0°, Miter 0°) is 11-59/64" (303mm).

4. Cutting Operation.

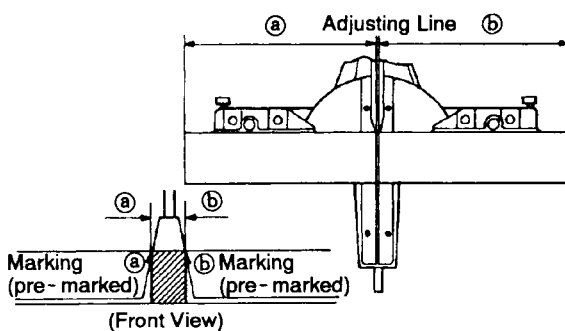


Fig. 21

- (1) As shown in Fig. 21 the width of the saw blade is the width of the cut. Therefore, slide the workpiece to the right (viewed from the operator's position) when length ⑥ is desired, or to the left when length ⑤ is desired.
- (2) Once the saw blade reaches maximum speed, push the handle down carefully until the saw blade approaches the workpiece.
- (3) Once the saw blade contacts the workpiece, push the handle down gradually to cut into the workpiece.
- (4) After cutting the workpiece to the desired depth, turn the power tool OFF and let the saw blade stop completely before raising the handle from the workpiece to return it to the full retract position.

⚠ CAUTION: * Increased pressure on the handle will not increase the cutting speed. On the contrary, too much pressure may result in overload of the motor and/or decreased cutting efficiency.

⚠ WARNING: * Confirm that the trigger switch is turned OFF and the power plug has been removed from the receptacle whenever the tool is not in use.
 * Always remove the lock-off button from the handle and store it in a secure place after completing the work.

5. Cutting narrow workpieces (press cutting)

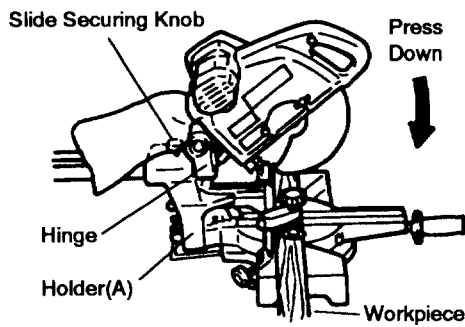


Fig. 22

Slide the hinge down to holder (A), then tighten the slide securing knob as indicated in Fig. 22. Lower the handle to cut the workpiece. Using the power tool this way will permit cutting of workpieces of up to 3- 11/32"(85mm) square.

6. Cutting wide workpieces (slide cutting)

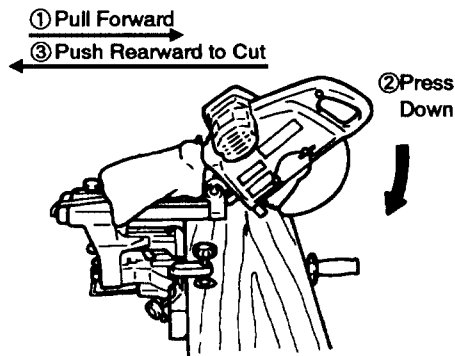


Fig. 23

(1) Workpieces up to 3- 11/32"(85mm) high and 12- 9/32"(312mm) wide : Loosen the slide securing knob, grip the handle and slide the saw blade forward. Then press down on the handle and slide the saw blade back to cut the workpiece as indicated in Fig. 23. This facilitates cutting of workpieces of up to 3- 11/32"(85mm) in height and 12- 9/32"(312mm) in width.

(2) Workpieces up to 3- 35/64"(90mm) high and 11- 39/64"(295mm) wide : Workpieces of up to 3- 35/64" (90mm) in height and up to 11- 39/64"(295mm) in width can be cut in the same manner as described in paragraph 6- (1) above.

⚠ CAUTION: * When cutting a workpiece of 3- 35/64" (90mm) height, adjust the lower limit position of the motor head so that the gap between the lower edge of the motor head and the workpiece will be 5/64"~1/8" (2~3mm) at the lower limit position.

* If the handle is pressed down with excessive or lateral force, the saw blade may vibrate during the cutting operation and cause unwanted cutting marks on the workpiece, thus reducing the quality of the cut. Accordingly, press the handle down gently and carefully.

* In slide cutting, gently push the handle back (rearwards) in a single, smooth operation. Stopping the handle movement during the cut will cause unwanted cutting marks on the workpiece.

⚠ WARNING: * For slide cutting, follow the procedures indicated above in Fig. 23. Forward slide cutting (toward the operator) is very dangerous because the saw blade could kick upward from the workpiece. Therefore, always slide the handle away from the operator.

* Always return the carriage to the full rear position after each crosscut operation in order to reduce the risk of injury.

* Never put your hand on the side handle during the cutting operation because the saw blade comes close to the side handle when the motor head is lowered.

7. Bevel cutting procedures

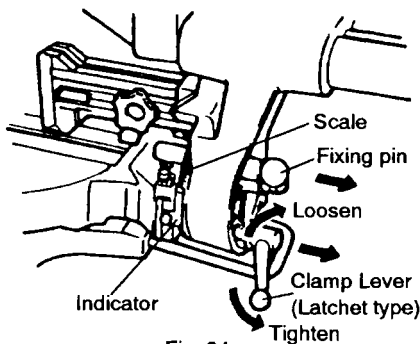


Fig. 24

- (1) Loosen the clamp lever and bevel the saw blade to the left or to the right. When tilting the motor head to the right pull the fixing pin towards the rear.
- (2) Adjust the bevel angle to the desired setting while watching the scale and indicator, then secure the clamp lever.
- (3) Follow the procedures indicated in paragraphs 5 and 6 above. For maximum dimensions for bevel cutting, refer to "specification" table on page 2.

⚠ WARNING : When the workpiece is secured on the left side of the blade, the short cut-off portion will come to rest on the right side of the saw blade. Always turn the power off and let the saw blade stop completely before raising the handle from the workpiece. If the handle is raised while the saw blade is still rotating, the cut-off piece may become jammed against the saw blade causing fragments to scatter about dangerously.

When stopping the bevel cutting operation halfway, start cutting after pulling back the motor head to the initial position.

Starting from halfway, without pulling back, causes the safety cover to be caught in the cutting groove of the workpiece and to contact the saw blade.

⚠ CAUTION : When cutting a workpiece of 2 - 3/8" (60mm) height in the left 45° bevel cutting position or a workpiece of 1 - 3/8" (35mm) height in the right 45° bevel cutting position, adjust the lower limit position of the motor head so that the gap between the lower edge of the motor head and the workpiece will be 5/64" ~ 1/8" (2~3mm) at the lower limit position (refer to "checking the saw blade lower limit position" on page 7). After cutting grooves, cut off center section with a chisel.

8. Miter cutting procedure

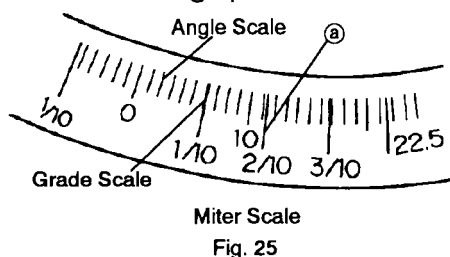


Fig. 25

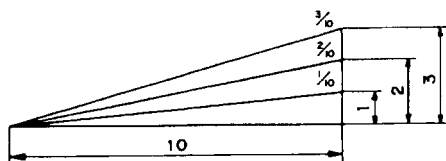


Fig. 26

- (1) Loosen the side handle and adjust the turntable until the indicator aligns with the desired setting on the miter scale (Fig. 27).
- (2) Re-tighten the side handle to secure the turntable in the desired position.
- (3) The miter scale (Fig. 25) indicates both the cutting angle on the angle scale and the gradient on the grade scale.
- (4) The gradient, which is the ratio of the height to the base of the triangular section to be removed, may be used for setting the miter scale instead of the cutting angle, if desired (see Fig. 26).
- (5) Therefore, to cut a workpiece at a grade of 2/10, set the indicator to position ② as indicated in Fig. 25.

NOTE:

* Positive stops are provided at the right and left of the 0° center setting, at 15°, 22.5°, 31.6°, 35.3° and 45° settings.

Check that the miter scale and the tip of the indicator are properly aligned.

* Operation of the saw with the miter scale and indicator out of alignment, or with the side handle not properly tightened, will result in poor cutting precision.

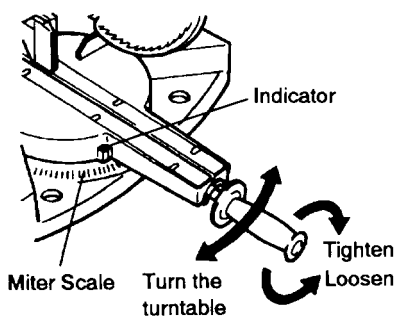


Fig. 27

9. Compound cutting

Compound cutting can be performed by following the instructions in 7 and 8 above. For maximum dimensions for compound cutting, refer to "SPECIFICATIONS" table on page 2.

⚠ CAUTION : Always secure the workpiece with the right hand and cut it by sliding the round portion of the saw backwards with the left hand.
It is very dangerous to rotate the turntable to the left during compound cutting because the saw blade may come into contact with the hand that is securing the workpiece.

10. Crown molding cutting

Fig. 28 shows two common crown molding types having angles of (θ) 38° and 45° .
For the typical crown molding fittings, see Fig. 29.

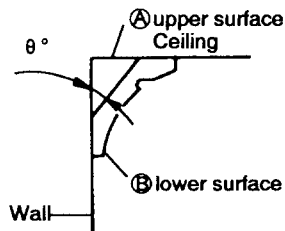


Fig. 28

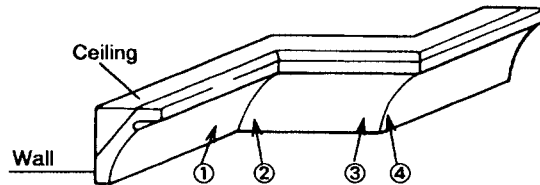


Fig. 29

The table below shows the miter angle and the bevel angle settings that are ideal for the two crown molding types.

NOTE: For convenience, positive stops are provided for both the miter setting and the bevel setting positions.

For miter cut setting

If the turntable has been set to either of the angles described, move the turntable adjusting side handle a little to the right and left to stabilize the position and to properly align the miter scale and the tip of the indicator before the operation starts.

For bevel cut setting

Move handle on miter section to the right and left and check that the position is stable and that the angle scale and the tip of the indicator are properly aligned. Then tighten the clamp lever.

Type of Crown Molding	To process crown molding at positions ① and ④ in Fig. 29.			To process crown molding at positions ② and ③ in Fig. 29.		
	Miter Angle Setting	Bevel Angle Setting		Miter Angle Setting	Bevel Angle Setting	
45° Type	right 35.3° (↓ mark)	left 30° (↓ mark)	right 30° (↓ mark)	left 35.3° (↓ mark)	left 30° (↓ mark)	right 30° (↓ mark)
38° Type	right 31.6° (↓ mark)	left 33.9° (↓ mark)	right 33.9° (↓ mark)	left 31.6° (↓ mark)	left 33.9° (↓ mark)	right 33.9° (↓ mark)

(1) Setting to cut crown moldings at positions ① and ④ in Fig. 29

(see Fig. 30; tilt the head to the left):

- ① Turn the turntable to the right and set the Miter Angle as follows:
 - * For 45° type crown moldings : 35.3° (↓ mark)
 - * For 38° type crown moldings : 31.6° (↓ mark)
- ② Tilt the head to the left and set the Bevel Angle as follows:
 - * For 45° type crown moldings : 30° (↓ mark)
 - * For 38° type crown moldings : 33.9° (↓ mark)
- ③ Position the crown molding so that the upper surface (A in Fig. 28) contacts the fence as indicated in Fig. 31.

(2) Setting to cut crown moldings at positions ② and ③ in Fig. 29

(see Fig. 32; tilt the head to the left):

- ① Turn the turntable to the left and set the Miter Angle as follows:
 - * For 45° type crown moldings : 35.3° (↓ mark)
 - * For 38° type crown moldings : 31.6° (↓ mark)
- ② Tilt the Head to the left and set the Bevel Angle as follows:
 - * For 45° type crown moldings : 30° (↓ mark)
 - * For 38° type crown moldings : 33.9° (↓ mark)
- ③ Position the crown molding so that the lower surface (Ⓑ in Fig. 28) contacts the fence as in Fig. 33.

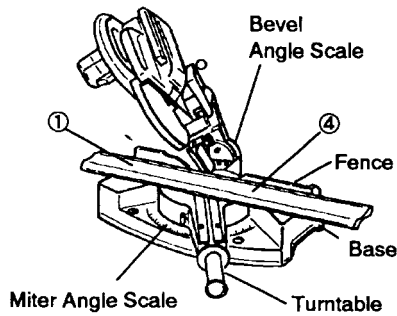


Fig. 30

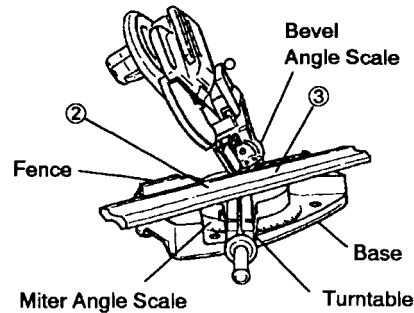


Fig. 32

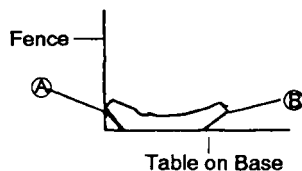


Fig. 31

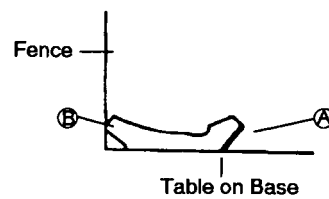


Fig. 33

(3) Setting to cut crown moldings at positions ① and ④ in Fig. 29

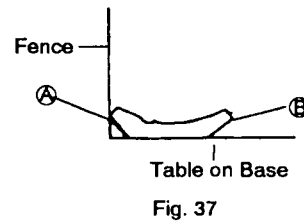
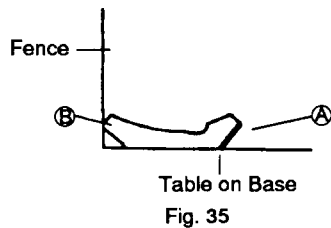
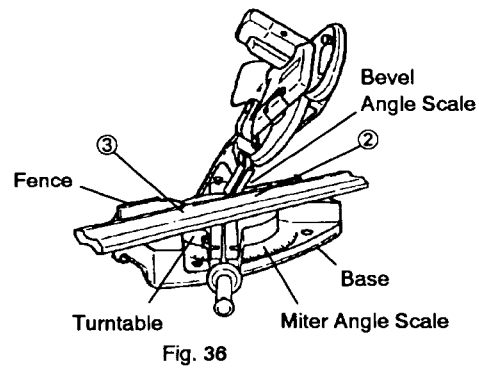
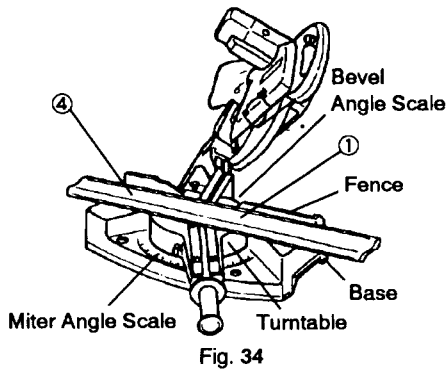
(see Fig. 34; tilt the head to the right.):

- ① Turn the turntable to the right and set the Miter Angle as follows:
 - * For 45° type crown moldings : 35.3° (↓ mark)
 - * For 38° type crown moldings : 31.6° (↓ mark)
- ② Tilt the head to the right and set the Bevel Angle as follows:
 - * For 45° type crown moldings : 30° (↓ mark)
 - * For 38° type crown moldings : 33.9° (↓ mark)
- ③ Position the crown molding so that the upper surface (Ⓐ in Fig. 28) contacts the fence as indicated Fig. 35.

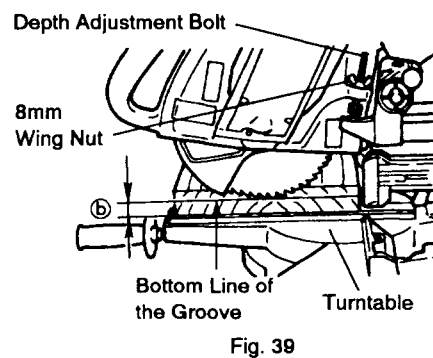
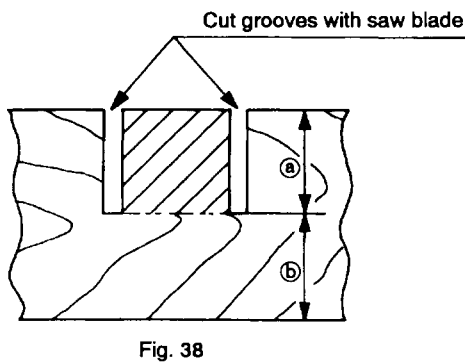
(4) Setting to cut crown moldings at positions ② and ③ in Fig. 29

(see Fig. 36; tilt the head to the right.):

- ① Turn the turntable to the left and set the Miter Angle as follows:
 - * For 45° type crown moldings : 35.3° (↓ mark)
 - * For 38° type crown moldings : 31.6° (↓ mark)
- ② Tilt the Head to the right and set the Bevel Angle as follows:
 - * For 45° type crown moldings : 30° (↓ mark)
 - * For 38° type crown moldings : 33.9° (↓ mark)
- ③ Position the crown molding so that the lower surface (Ⓐ in Fig. 28) contacts the fence as in Fig. 37.



11. Groove cutting



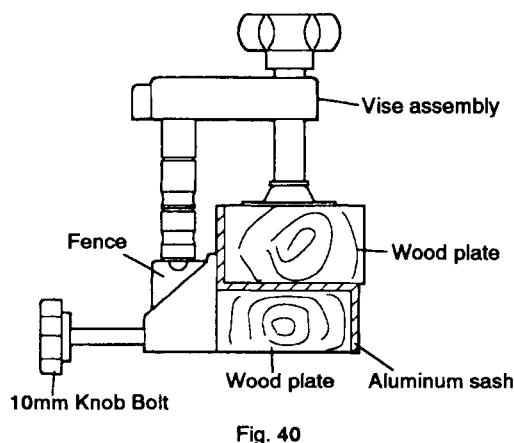
Grooves in the workpiece can be cut as indicated in Fig. 38 by adjusting the depth adjustment bolt.

Cutting depth adjustment procedure :

- (1) Loosen the 8mm wing nut and turn the depth adjustment bolt by hand.
- (2) Adjust to the desired cutting depth by setting the distance between the saw blade and the surface of the base (see **b** in Fig. 38).
- (3) The 8mm wing nut must be properly tightened after the adjustment has been completed.

NOTE: When cutting a single groove at either end of the workpiece, remove the unneeded portion with a chisel.

12. Cutting easily-deformed materials, such as aluminum sash



Materials such as aluminum sash can easily deform when tightened too much in a vise assembly. This will cause inefficient cutting and possible overload of the motor.

When cutting such materials, use a wood plate to protect the workpiece as shown in Fig. 40.

When cutting aluminum materials, coat the saw blade with cutting oil (non-combustible) to achieve smooth cutting and a fine finish.

13. How to use the dust bag (standard equipment)

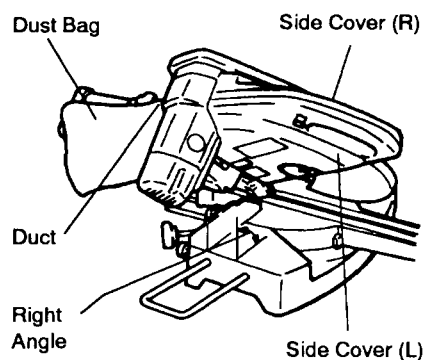


Fig. 41

- (1) When the dust bag has become full of sawdust, dust will be blown out of the bag when the saw blade rotates. Check the bag periodically and empty it before it becomes full.
- (2) During bevel and compound cutting, attach the dust bag at a right angle to the base plate as shown in Fig. 41.

⚠ CAUTION: Empty the dust bag frequently to prevent the duct and the safety cover from becoming clogged.
Sawdust will accumulate more quickly than normal during bevel cutting.

SAW BLADE MOUNTING AND DISMOUNTING

⚠ WARNING: To prevent an accident or personal injury, always turn off the trigger switch and disconnect the power plug from the receptacle before removing or installing a blade.

1. Mounting the saw blade (Fig. 42-a and Fig. 42-b).

- (1) Press in spindle lock and loosen bolt with box wrench.

Since the bolt is left-hand threaded, loosen by turning it to the right as shown in Fig. 42-b.

NOTE: If the spindle lock cannot be easily pressed in to lock the spindle, turn the bolt with box wrench while applying pressure on the spindle lock.

The saw blade spindle is locked when the spindle lock is pressed inward.

- (2) Remove the bolt and washer(C)

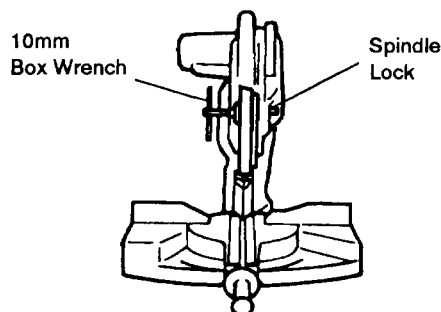


Fig. 42 - a

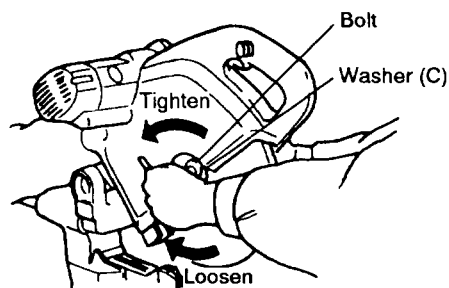


Fig. 42 - b

- (3) Lift the safety cover and mount the saw blade.

⚠ WARNING: When mounting the saw blade, confirm that the rotation indicator mark on the saw blade and the rotation direction of the saw are properly matched.

- (4) Thoroughly clean washer(C) and the bolt, and install them onto the saw blade mounting shaft.

- (5) Press in the spindle lock and tighten the bolt by turning it to the left by box wrench as indicated in Fig. 42-b.

⚠ CAUTION: * A dust guide is installed inside behind the side cover (L).
When removing or installing the saw blade, do not make contact with the dust guide. Contact may break or chip saw blade tips.
* Confirm that the spindle lock has returned to the retract position after installing or removing the saw blade.
* Tighten the bolt so it does not come loose during operation.
Confirm the bolt has been properly tightened before the power tool is started.

2. Dismounting the saw blade

Dismount the saw blade by reversing the mounting procedures described in paragraph 1 above. The saw blade can easily be removed after lifting the safety cover.

⚠ CAUTION: Never attempt to install saw blades larger than 10" (255mm) in diameter. Always install saw blades that are 10" (255mm) in diameter or less.

OVERLOAD PROTECTIVE DEVICE FOR POLY- V- BELT

The power of the motor is transmitted to the saw blade by a Poly- V- Belt. When the Poly- V- Belt becomes overloaded, the overload protective device cuts off the current to stop the motor. In this case turn the switch off immediately and raise the handle to its initial position. Then turn the switch on and after running the tool for 20 seconds without a load for cooling of the motor. Then start the cutting operation. The Poly- V- Belt or the motor will be damaged if the overload protective device turns off frequently.

⚠ CAUTION: When the overload protective device stops the motor, the motor will start by turning the switch on after turning it off. When turning the switch on, make sure that the saw blade is not halfway in the material.

MAINTENANCE AND INSPECTION

⚠ WARNING: To avoid an accident or personal injury, always confirm the trigger switch is turned OFF and that the power plug has been disconnected from the receptacle before performing any maintenance or inspection of this tool.

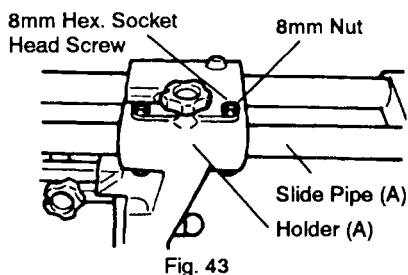
1. Inspecting the saw blade

Always replace the saw blade immediately upon the first sign of deterioration or damage.

A damaged saw blade can cause personal injury and a worn saw blade can cause ineffective operation and possible overload to the motor.

⚠ CAUTION: Never use a dull saw blade. When a saw blade is dull, its resistance to the hand pressure applied by the tool handle tends to increase, making it unsafe to operate the power tool.

2. Adjusting a loose slide pipe



After extended use of the power tool, the slide pipe (A) and the bushing can become loose due to vibration. Never operate the tool if any components are loose to avoid personal injury.

- (1) Loosen the 8mm nut and tighten the four 8mm hexagon socket set screws until the power tool operates smoothly without looseness.
- (2) Properly tighten the 8mm nut after completing these adjustment.

3. Inspecting the carbon brushes (Figs. 44 and 45)

The carbon brushes in the motor are expendable parts.

If the brushes become excessively worn, motor trouble might occur.

Therefore, inspect the brushes periodically and replace them when they have become worn to the wear limit line as shown in Fig. 44.

Also, keep the carbon brushes clean so that they will slide smoothly within the brush holders. The carbon brushes can easily be removed after removal of the brush caps (see Fig. 45) with a slotted (minus) screwdriver.

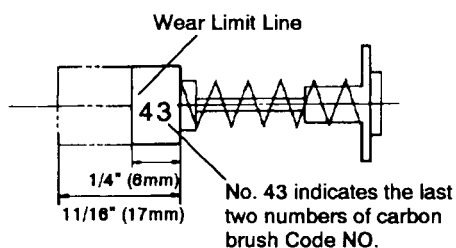


Fig. 44

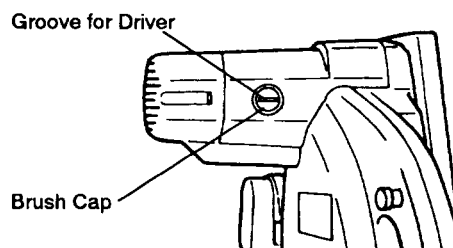


Fig. 45

4. Inspecting the mounting screws

Regularly inspect each component of the power tool for looseness.
Re-tighten mounting screws on any loose part.

⚠ WARNING: To prevent personal injury, never operate the power tool if any components are loose.

5. Inspecting the safety cover for proper operation

Before each use of the tool, test the safety cover (see Fig.7) to assure that it is in good condition and that it moves smoothly.

Never use the tool unless the safety cover operates properly and it is in good mechanical condition.

6. Storage

Confirm that the trigger switch is turned OFF, that the power plug has been removed from the receptacle and that the lock-off button has been removed and has been stored in a secure place, after operation of the tool has been completed.

When the tool is not in use, keep it stored in a dry place out of the reach of children.

7. Replacement of Guard (C)

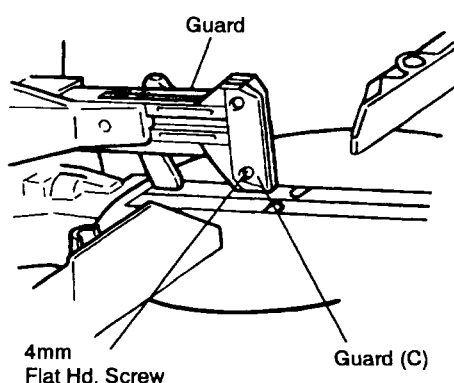


Fig. 46

After extended use of the tool, sometimes the groove of the Guard(C) becomes wider. It should be replaced in this case.

When replacing with a new one, loosen the four M4 flat head screws and remove the Guard(C). After replacing, make a groove on it. Refer to "1. Cutting a groove on the guard" on page. 6 .

8. Replacement of Poly-V-Belt

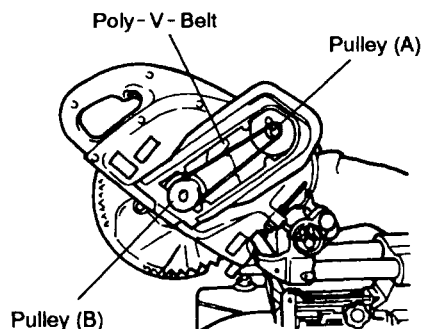


Fig. 47

The power of the motor is transmitted to the saw blade by a Poly-V-Belt. When the Poly-V-Belt is broken or damaged, remove the belt cover by loosening the four M5 screws (refer to Fig. 2) and replace the damaged one with the new one.

When connecting the belt on pulleys, first connect 2 or 3 teeth of Poly-V-Belt to the grooves of the pulley (A) and pulley (B). Then turning the pulley (A) and pulley (B), connect all 10 teeth of the belt to the pulleys.

9. Handle (for transportation and carrying)

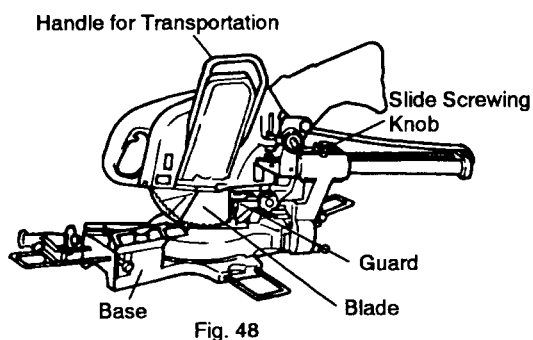


Fig. 48

For transportation purpose, pull up the handle retracted in the gear case with one hand and hold the base at the left end grip section with the other to carry.

NOTE : Before transporting or carrying, position saw blade against guard and tighten slide screwing knob to stop slide motion.

10. Lubrication

Lubricate the following sliding surfaces once a month to keep the power tool in good operating condition for a long time (see Figs. 1 and 2). Use of machine oil is recommended.

Oil supply points :

*Rotary portion of hinge

*Rotary portion of vise

*Sliding portion of slide pipe (A) and slide pipe (B)

11. Cleaning

Periodically remove chips and other waste material from the surface of the power tool with a damp, soapy cloth. To avoid a malfunction of the motor, protect it from contact with oil or water.

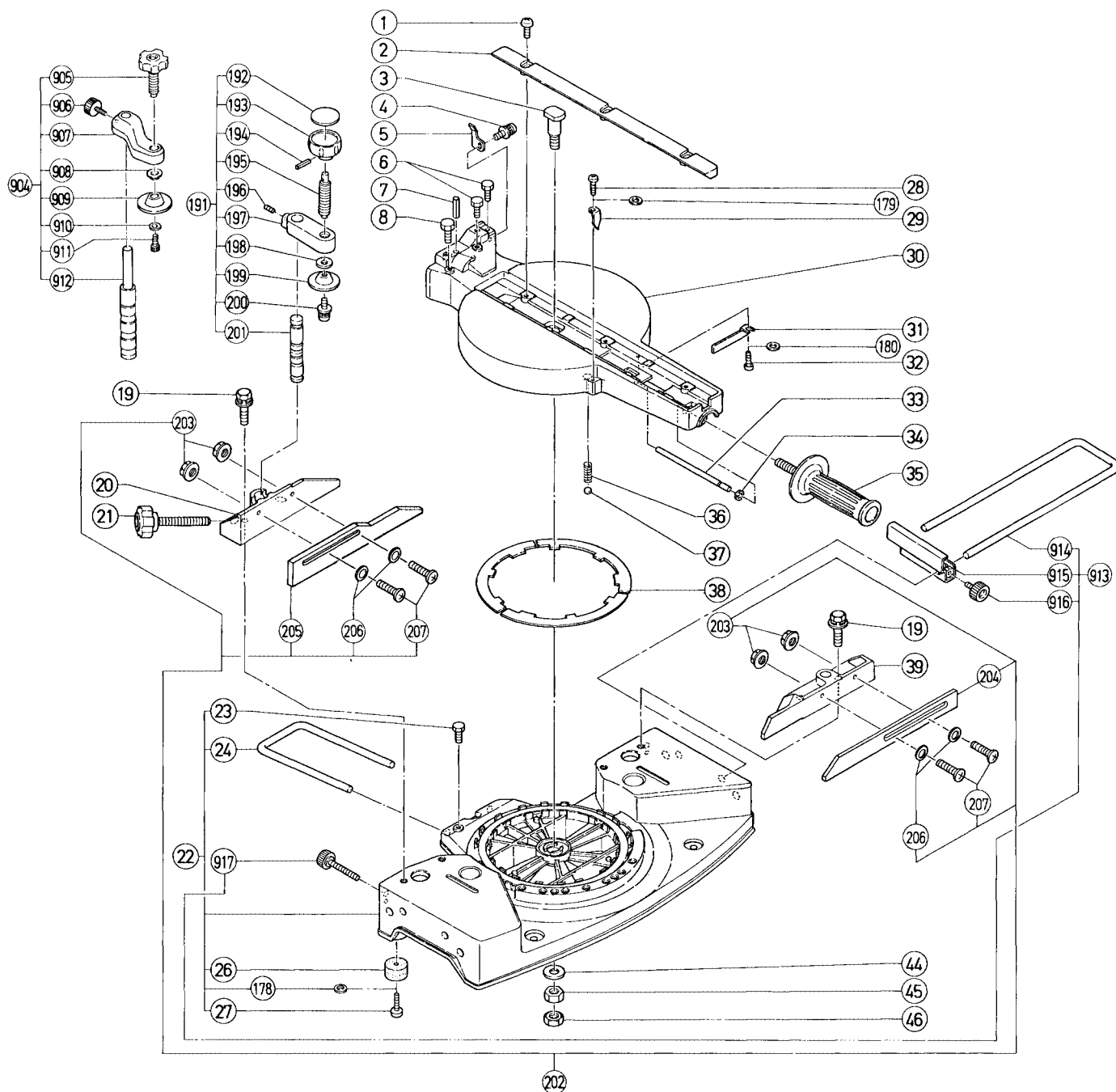
SERVICE AND REPAIRS

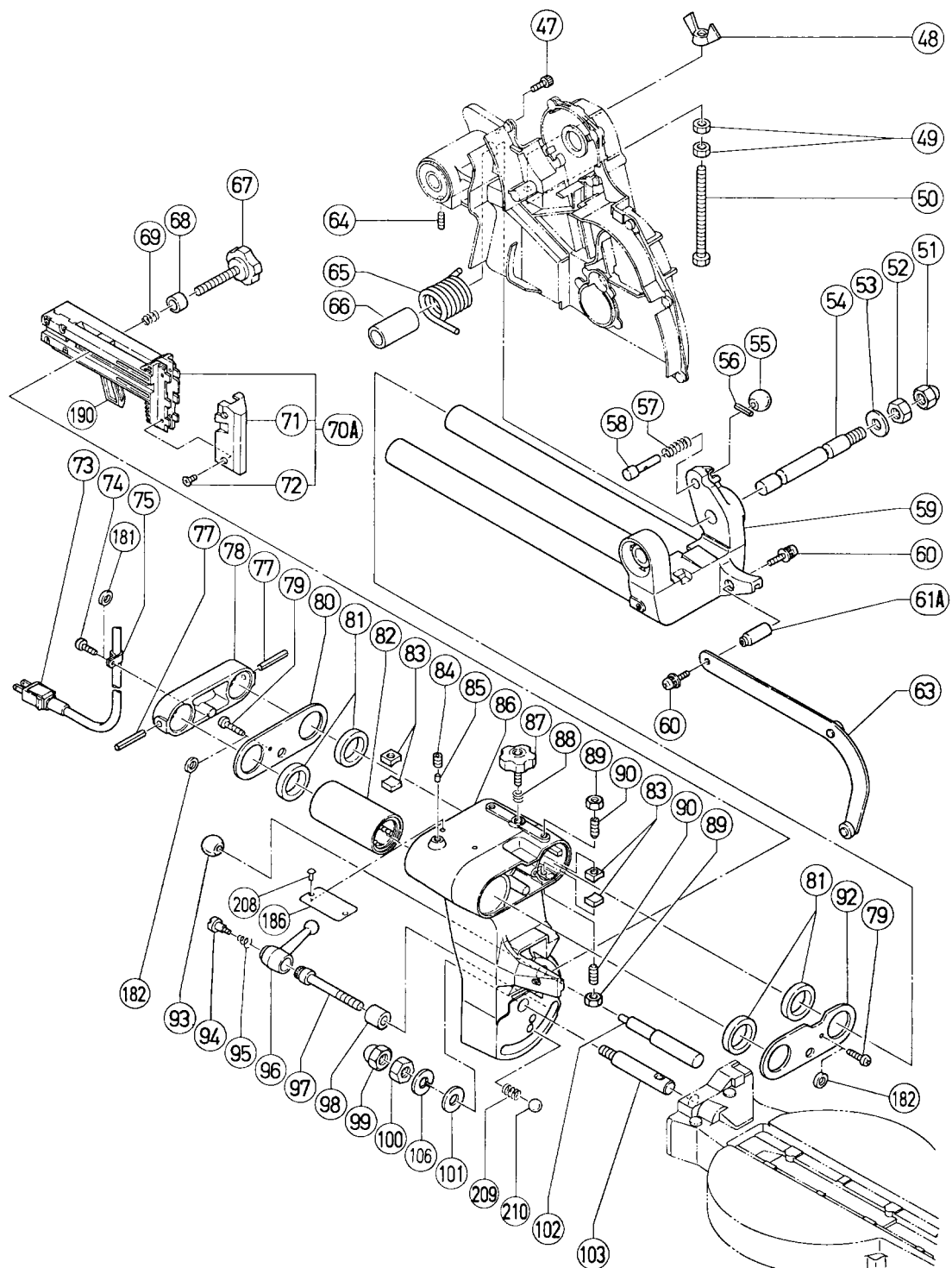
All quality power tools will eventually require servicing or replacement of parts because of wear from normal use. To assure that only authorized replacement parts will be used and that the double insulation system will be protected, all service (other than routine maintenance) must be performed by an AUTHORIZED HITACHI POWER TOOL REPAIR CENTER ONLY.

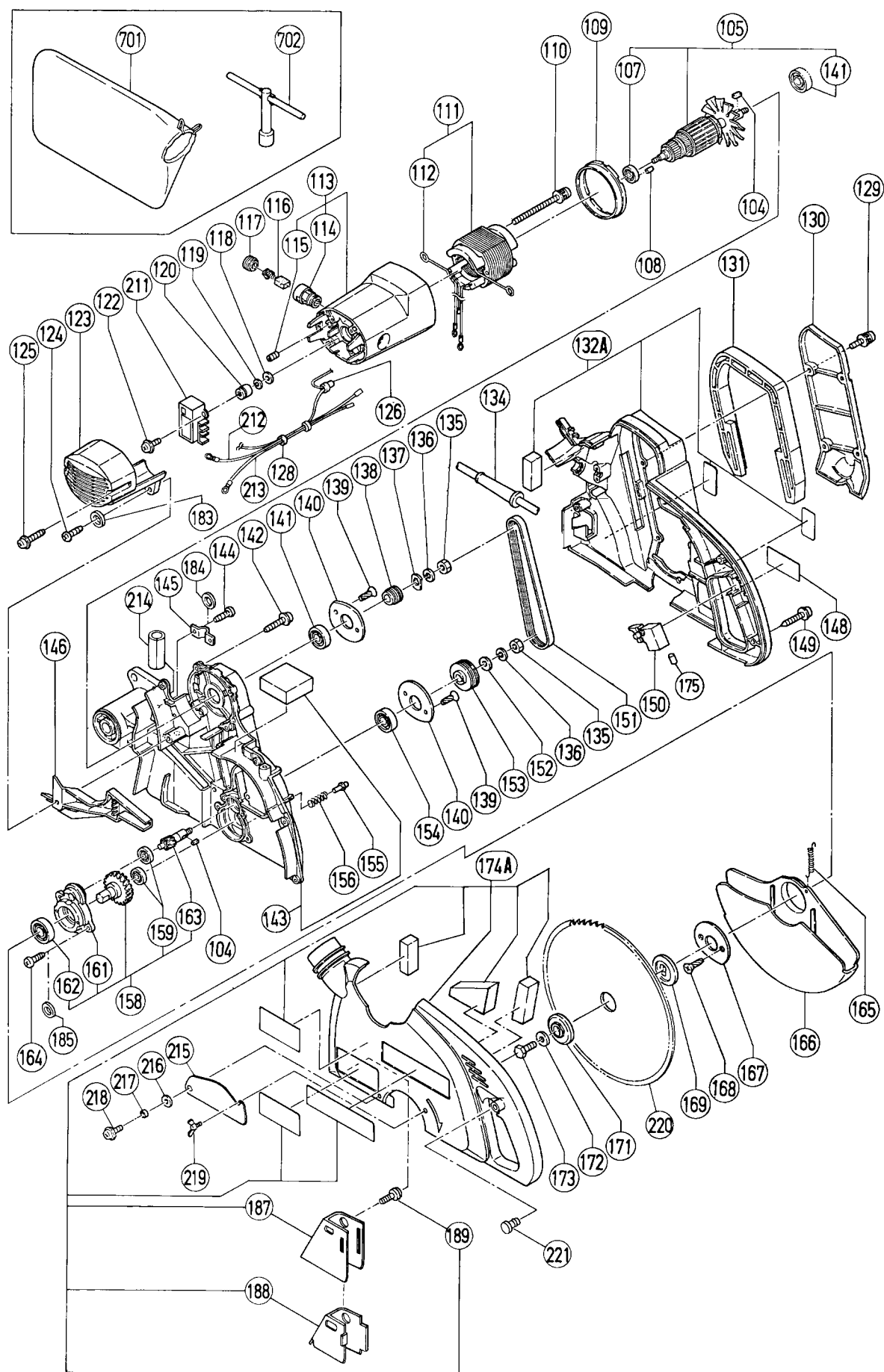
NOTE: Specifications are subject to change without any obligation on the part of HITACHI.

PARTS LIST

Model C 10FS







Slide Compound Saw Parts List

ITEM NO.	PART NAME	ITEM NO.	PART NAME
1	MACHINE SCREW M6×20	81	FELT
2	TABLE INSERT	82	BALL BUSHING
3	SHAFT	83	BUSHING
4	MACHINE SCREW (W/WASHERS) M6×10	84	HEX. SOCKET SET SCREW M8×8
5	INDICATOR	85	BEARING LOCK
6	SEAL LOCK BOLT M6×20 (BLACK)	86	HOLDER (A)
7	SLOTTED PIN D8×30	87	KNOB BOLT M8×20
8	SEAL LOCK BOLT M8×20 (BLACK)	88	LOCK SPRING
19	BOLT (W/WASHERS) M8×35 (BLACK)	89	LOCK NUT M8
20	FENCE (B)	90	HEX. SOCKET SET SCREW M8×16
21	KNOB BOLT M10×70	92	PACKING COVER (B)
22	BASE ASS'Y	93	GRIP
23	BOLT M6×16	94	CLUTCH SCREW
24	HOLDER	95	CLUTCH SPRING
26	BASE RUBBER	96	CLAMP LEVER
27	MACHINE SCREW M5×20	97	BOLT (LEFT HAND) M10
28	MACHINE SCREW M4×8	98	COLLAR
29	INDICATOR	99	CAP NUT M12
30	TURN TABLE	100	LOCK NUT M12
31	SPACER	101	BOLT WASHER M12
32	MACHINE SCREW M4×12	102	SET PIN (A)
33	SHAFT	103	HOLDER SHAFT
34	RETAINING RING (E-TYPE) FOR D7 SHAFT	104	FEATHER KEY 4×4×12
35	SIDE HANDLE	105	ARMATURE ASS'Y 115V
36	SPRING (C)	106	SPRING WASHER M12
37	STEEL BALL D12.7	107	BALL BEARING 608VVMC2EPS2L
38	LINER	108	BEARING LOCK
39	FENCE (A)	109	FAN GUIDE (B)
44	WASHER (T)	110	TAPPING SCREW (W/SP. WASHER) D5×60
45	NUT M12	111	STATOR ASS'Y 115V
46	LOCK NUT M12	112	BRUSH TERMINAL
47	HEX. SOCKET HD. BOLT M5×10	113	HOUSING ASS'Y
48	WING NUT M8	114	BRUSH HOLDER
49	NUT M8	115	HEX. SOCKET SET SCREW M5×6
50	BOLT M8×100	116	CARBON BRUSH
51	CAP NUT M12	117	BRUSH CAP
52	NUT M12	118	BOLT WASHER M6
53	BOLT WASHER M12	119	SUPER LOCK WASHER
54	HINGE SHAFT	120	MAGNET
55	GRIP	122	TAPPING SCREW (W/WASHER) D4×16
56	ROLL PIN D3×25	123	TAIL COVER
57	GAUGE SPRING	124	MACHINE SCREW M5×20
58	SET PIN	125	TAPPING SCREW (W/FLANGE) D4×25 (BLACK)
59	HINGE	126	CONNECTOR 50092
60	MACHINE SCREW (W/WASHERS) M5×16	128	CABLE TIE
61 A	SHAFT (B)	129	MACHINE SCREW (W/WASHER) M5×20
63	LINK	130	PULLEY COVER
64	HEX. SOCKET SET SCREW M6×16	131	HANDLE
65	SPRING	132 A	SIDE COVER (R)
66	SLEEVE	134	CORD ARMOR D 10.1
67	KNOB BOLT M8×60	135	NUT M8
68	SLEEVE	136	SUPER LOCK WASHER
69	GOVERNOR SPRING	137	SPECIAL WASHER
70 A	GUARD ASS'Y	138	PULLEY (A)
71	GUARD (C)	139	FLAT HD. SCREW M4×10
72	FLAT HD. SCREW (BRASS) M4×6	140	COVER
73	CORD	141	BALL BEARING 6201VVMCPS2S
74	MACHINE SCREW M4×12	142	TAPPING SCREW (W/FLANGE) D5×25 (BLACK)
75	NYLON CLIP	143	GEAR CASE
77	ROLL PIN D6×40	144	MACHINE SCREW M4×8
78	SUPPORT	145	CORD CLIP
79	MACHINE SCREW M4×12	146	CORD COVER
80	PACKING COVER (C)	148	NAME PLATE

Slide Compound Saw Parts List

ITEM NO.	PART NAME	ITEM NO.	PART NAME
149	TAPPING SCREW (W/FLANGE) D4×25 (BLACK)	188	GUIDE HOLDER
150	SWITCH (2P PILLAR TYPE) W/O LOCK	189	TAPPING SCREW (W/FLANGE) D4×16 (BLACK)
151	BELT (170H10)	190	GUIDE
152	BOLT WASHER M8	191	VICE ASS'Y
153	PULLEY (B)	192	LABEL (A)
154	BALL BEARING 6201VVCMP2S	193	KNOB
155	STOPPER PIN	194	ROLL PIN D4×25
156	LOCK SPRING	195	SCREW
158	SPINDLE ASS'Y	196	HEX. SOCKET SET SCREW M8×16
159	BALL BEARING 608VVMC2EPS2L	197	SCREW HOLDER
161	BEARING HOLDER	198	BOLT WASHER M10
162	BALL BEARING 6003VVCMP2S	199	VICE PLATE
163	PINION	200	MACHINE SCREW (W/WASHERS) M6×10
164	MACHINE SCREW M5×20	201	VICE SHAFT
165	RETURN SPRING	202	SLIDE FENCE ASS'Y
166	SAFETY COVER	203	FLANGE NUT
167	COVER	204	SLIDE FENCE (A)
168	FLAT HD. SCREW M4×10	205	SLIDE FENCE (B)
169	WASHER (D)	206	NYLON WASHER
171	WASHER (C)	207	MACHINE SCREW 1/4-20UNC×18
172	WASHER	208	RIVET D2.5×3.2
173	BOLT (LEFT HAND) M7×17.5	209	SPRING (A)
174 A	SIDE COVER (L)	210	STEEL BALL D9.525
175	TUBE (D)	211	CONTROLLER
178	BOLT WASHER M5	212	INTERNAL WIRE
179	BOLT WASHER M4	213	INTERNAL WIRE
180	BOLT WASHER M4	214	VINYL TUBE (A)
181	BOLT WASHER M4	215	SPINDLE COVER
182	BOLT WASHER M4	216	BOLT WASHER D4
183	BOLT WASHER M5	217	SPACER
184	BOLT WASHER M4	218	TAPPING SCREW (W/FLANGE) D4×16 (BLACK)
185	BOLT WASHER M5	219	WING BOLT M5×8
186	CAUTION LABEL (D)	220	TCT SAW BLADE 255MM-D15.88 HOLE-NT40
187	DUST GUIDE	221	LOCK-OFF BUTTON

Standard Accessories

ITEM NO.	PART NAME	ITEM NO.	PART NAME
701	DUST BAG		
702	BOX WRENCH 10MM		

Optional Accessories

ITEM NO.	PART NAME	ITEM NO.	PART NAME
904	VICE (A) ASS'Y	914	HOLDER
905	KNOB BOLT M10	915	STOPPER
906	KNOB BOLT M6×11	916	KNOB BOLT M6×11
907	SCREW HOLDER	917	KNOB BOLT M6×52
908	COLLAR		
909	VICE PLATE		
910	WASHER		
911	HEX. SOCKET HD. BOLT M5×10 (10PCS.)		
912	VICE SHAFT		
913	GUIDE ASS'Y		